

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/003516

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7	A61K31/435	C07D215/22	C07D405/12	C07D409/12	C07D417/12
	C07D401/12	C07D417/14	A61P11/00	A61P29/00	

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K C07D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, CHEM ABS Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02/45703 A (NOVARTIS ERFIND VERWALT GMBH ; NOVARTIS AG (CH); CUENOUD BERNARD (GB);) 13 June 2002 (2002-06-13) Cpd. A (preparation 6) -----	1-11
X	WO 00/75114 A (NOVARTIS ERFIND VERWALT GMBH ; NOVARTIS AG (CH); BEATTIE DAVID (GB); B) 14 December 2000 (2000-12-14) Ex. 1-4, 7-10 -----	1-11
X	WO 93/18007 A (TOKYO TANABE CO) 16 September 1993 (1993-09-16) examples -----	1-11
X	US 4 460 581 A (FUEGNER ARMIN ET AL) 17 July 1984 (1984-07-17) Ex. 27, 40 ----- -----	1-11 -/-

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

## \* Special categories of cited documents :

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Date of the actual completion of the International search

Date of mailing of the International search report

20 August 2004

02/09/2004

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 0082, no. 05 (C-243), 19 September 1984 (1984-09-19) & JP 59 093051 A (OTSUKA SEIYAKU KK), 29 May 1984 (1984-05-29) Cpds. 1,3,4,13 abstract	1-11
X	PATENT ABSTRACTS OF JAPAN vol. 0082, no. 05 (C-243), 19 September 1984 (1984-09-19) & JP 59 093052 A (OTSUKA SEIYAKU KK), 29 May 1984 (1984-05-29) Cpd. 4 abstract	1-11
X	YOSHIZAKI ET AL.: "Sympathomimetic Amines Having a Carbostyryl Nucleus" J. MED. CHEM., vol. 19, no. 9, 1976, pages 1138-1142, XP002291187 Cpd. 11	1-11
X	EP 0 073 505 A (BOEHRINGER INGELHEIM KG) 9 March 1983 (1983-03-09) Table II, cpd. 5 Table III, cpd. 5	1-11
X	PATENT ABSTRACTS OF JAPAN vol. 0092, no. 71 (C-311), 29 October 1985 (1985-10-29) & JP 60 120864 A (YOSHINARI HIGUCHI), 28 June 1985 (1985-06-28) abstract	1-11
X	PATENT ABSTRACTS OF JAPAN vol. 0062, no. 61 (C-141), 21 December 1982 (1982-12-21) & JP 57 154129 A (OTSUKA SEIYAKU KK), 22 September 1982 (1982-09-22) abstract	11
X	PATENT ABSTRACTS OF JAPAN vol. 0010, no. 45 (C-011), 4 May 1977 (1977-05-04) & JP 52 000282 A (OTSUKA PHARMACEUT CO LTD), 5 January 1977 (1977-01-05) abstract	11

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No  
PCT/EP2004/003516

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0245703	A	13-06-2002	AU 1708202 A BR 0115910 A CA 2427282 A1 CN 1477963 T CZ 20031537 A3 WO 0245703 A2 EP 1341542 A2 HU 0302571 A2 JP 2004514739 T NO 20032510 A SK 6502003 A3 US 2004038951 A1	18-06-2002 20-01-2004 13-06-2002 25-02-2004 15-10-2003 13-06-2002 10-09-2003 28-11-2003 20-05-2004 03-06-2003 02-12-2003 26-02-2004
WO 0075114	A	14-12-2000	AU 765919 B2 AU 5074500 A BR 0011324 A CA 2375810 A1 CN 1353692 T CZ 20014301 A3 WO 0075114 A1 EP 1183240 A1 HU 0201658 A2 JP 2003501417 T NO 20015912 A NZ 515669 A PL 352100 A1 SK 17432001 A3 TR 200103497 T2 ZA 200109931 A	02-10-2003 28-12-2000 05-03-2002 14-12-2000 12-06-2002 13-03-2002 14-12-2000 06-03-2002 28-08-2002 14-01-2003 21-01-2002 30-01-2004 28-07-2003 04-06-2002 21-05-2002 05-06-2002
WO 9318007	A	16-09-1993	AU 3648793 A WO 9318007 A1	05-10-1993 16-09-1993
US 4460581	A	17-07-1984	PH 21222 A	21-08-1987
JP 59093051	A	29-05-1984	JP 1288535 C JP 60010032 B	14-11-1985 14-03-1985
JP 59093052	A	29-05-1984	JP 1288536 C JP 60010033 B	14-11-1985 14-03-1985
EP 0073505	A	09-03-1983	DE 3134590 A1 AR 231976 A1 AR 231977 A1 AT 16703 T AU 553589 B2 AU 8787482 A CA 1180012 A1 CS 236679 B2 DD 204477 A5 DE 3267702 D1 DK 389082 A ,B, EP 0073505 A1 ES 8308318 A1 ES 8402279 A1 ES 8405778 A1 FI 822985 A ,B, GB 2106105 A ,B	10-03-1983 30-04-1985 30-04-1985 15-12-1985 24-07-1986 10-03-1983 25-12-1984 15-05-1985 30-11-1983 09-01-1986 02-03-1983 09-03-1983 16-11-1983 16-04-1984 01-10-1984 02-03-1983 07-04-1983

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Information on patent family members

International Application No  
PCT/EP2004/003516

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 0073505	A	GR 77275 A1 HU 186112 B IE 53615 B1 JP 1639639 C JP 3005392 B JP 58052278 A KR 8900380 B1 NO 822932 A , B, NZ 201777 A PL 238077 A1 PT 75478 A SU 1149876 A3 YU 194982 A1 ZA 8206349 A	11-09-1984 28-06-1985 21-12-1988 18-02-1992 25-01-1991 28-03-1983 15-03-1989 02-03-1983 30-08-1985 09-04-1984 01-09-1982 07-04-1985 31-12-1984 25-04-1984
JP 60120864	A 28-06-1985	JP 1304078 C JP 51128982 A JP 60026784 B JP 1376213 C JP 61039288 B JP 1355286 C JP 60120865 A JP 61017826 B JP 1376214 C JP 60120866 A JP 61039306 B JP 1355287 C JP 60120867 A JP 61017827 B	28-02-1986 10-11-1976 25-06-1985 22-04-1987 03-09-1986 24-12-1986 28-06-1985 09-05-1986 22-04-1987 28-06-1985 03-09-1986 24-12-1986 28-06-1985 09-05-1986
JP 57154129	A 22-09-1982	JP 1053248 B JP 1570056 C	13-11-1989 10-07-1990
JP 52000282	A 05-01-1977	JP 1231456 C JP 59007707 B	26-09-1984 20-02-1984